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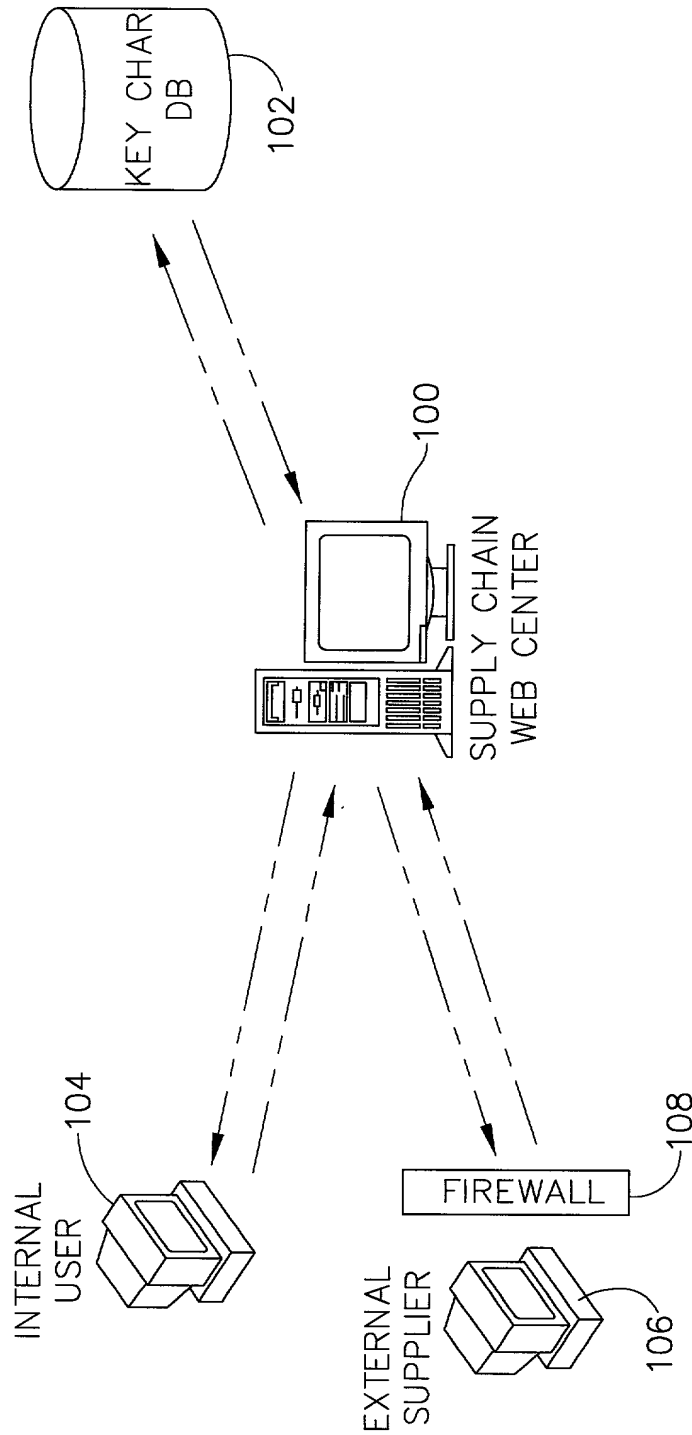


FIG. 1

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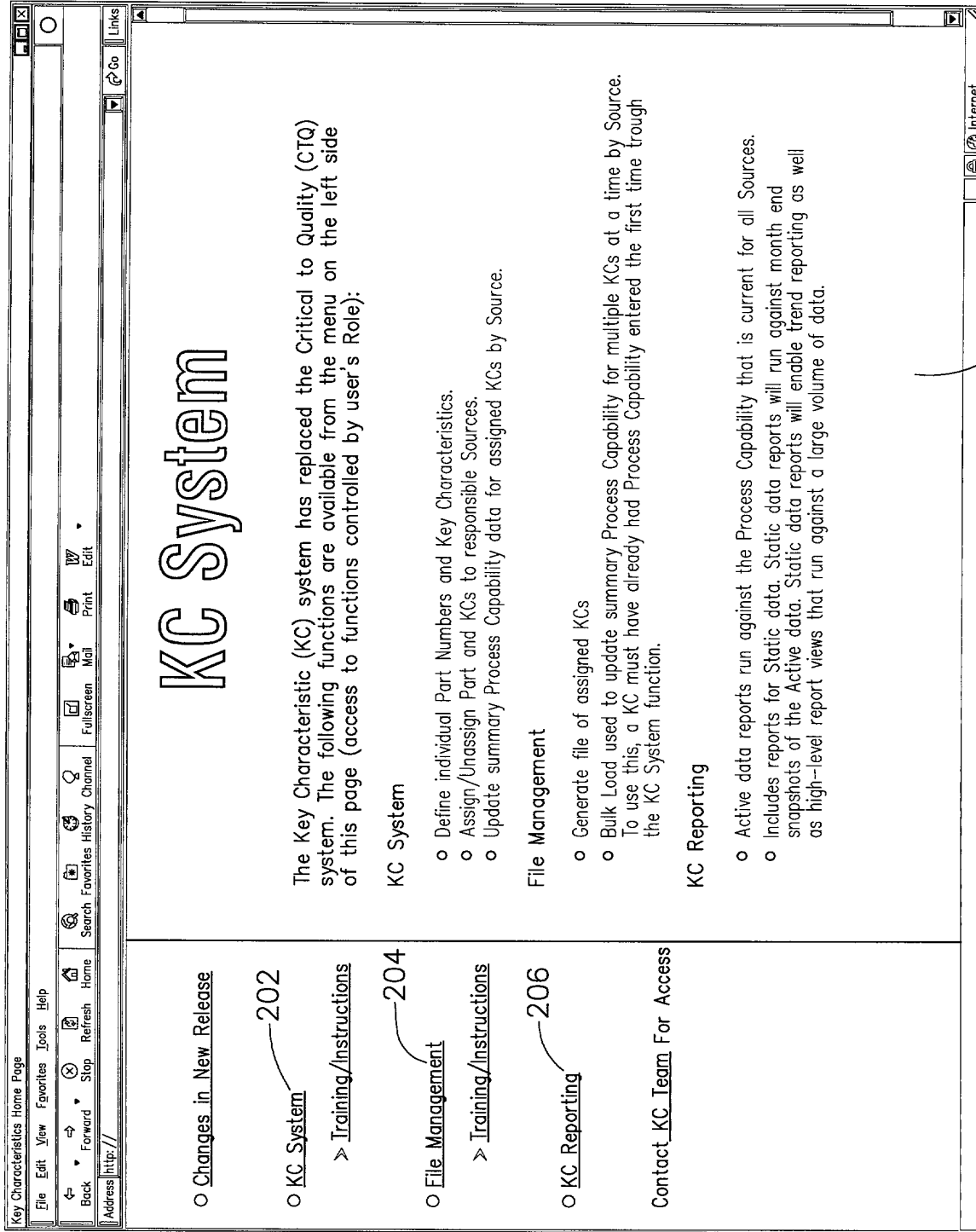


FIG. 2

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The screenshot displays a web application window titled "KC System". The interface is organized into several sections:

- Top Navigation Bar:** Contains a "Source" dropdown menu, a "Part" field with the value "1275M19P03", a "K.C." dropdown, a "Feature" dropdown, and a "Char. Class" dropdown.
- Main Content Area:**
  - Left Panel:** A tree view showing a hierarchy of sources. The "Source Code: 62379" is selected, revealing a list of sub-sources: "1275M19P03", "1275M21G01", "1317M60P01", "1317M61P01", and "1317M62P01".
  - Right Panel:** Contains three input fields: "Site" (with a dropdown menu showing "SRC - SOURCING SUPPLIERS"), "Source Code" (with the value "62379"), and "Source Name" (with a dropdown menu).
- Bottom Section:** Includes a "Status" field, a "Parts" field, and a "Help Index" button.
- Footer:** Displays the text "(Role: PQE Citizenship: USA Version: 1.6)" and a "Reset" button.

Labels 300 through 318 point to various UI elements: 300 points to the main content area, 302 to the Site dropdown, 304 to the Source Code field, 306 to the Source Name dropdown, 308 to the sub-source list, 310 to the Feature dropdown, 312 to the Part field, 314 to the K.C. dropdown, 316 to the Char. Class dropdown, and 318 to the Source Code: 62379 label.

FIG. 3

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KC System

Source

Source Code: 62379

Part 1275M19P03

K.C. 312

Feature 314

Char. Class 316

Part Number\* 1275M19P03

Description\* SEPARATOR AIR

Drawing Number\* 1275M19

UC3D Model 412

Issue Date 418

Design COL\* CnA

QFD Indicator\* Complete

License Required\* Yes

Drawing Revision M

Suffix P03

Program\* 420

Group for Metrics Reports 424

Available

Assigned

COM

CnA

Fnc

INT

MIE

MTC

RPO

RSP

STR

Add >>

<< Remove

Status

Logout

Java Applet Window

FIG. 4

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The screenshot displays a web-based process capability data collection and reporting system interface. The interface is organized into several sections:

- Top Navigation Bar:** Includes a "Source" dropdown menu, a "Part" field with the value "1275M19P03", a "K.C. [VE DIAMETER]" dropdown, a "Feature" dropdown with the value "Groove", and a "Char. Class" dropdown with the value "Diameter".
- Left Sidebar:** Contains a "Source Code: 62379" field, a "Source" dropdown, and a list of items including "1275M19P03", "CORNER RADIUS", "DIA-D-", "GROOVE DIAMETER", "GROOVE WIDTH", "TEETH DIAMETER", "1275M21G01", "1317M60P01", "1317M61P01", and "1317M62P01".
- Main Content Area:**
  - Get Character List:** A section with a "Get" button and a "KC\* GROOVE DIAMETER" label.
  - Feature\* [Groove]:** A dropdown menu.
  - Char Type\* [CTQ]:** A dropdown menu.
  - Char Class\* [Diameter]:** A dropdown menu.
  - Requirement\* [Productivity]:** A dropdown menu.
  - Specs:** A section with a "Material" dropdown, a "Type\*" dropdown, a "Class" dropdown, a "Component Spec" dropdown, and a "Component PN" dropdown.
  - Tolerance Type\* [Bilateral]:** A dropdown menu.
  - Sheet [1]:** A dropdown menu.
  - Zone [E1]:** A dropdown menu.
  - Note [524]:** A text input field.
  - USL [3.54]:** A text input field.
  - LSL [3.5380]:** A text input field.
  - Nominal [3.5390]:** A text input field.
  - Units [534]:** A dropdown menu.
  - Add/Assign [Update]:** A button.
  - UnAssign [Reset]:** A button.
- Bottom Bar:** Includes a "Status" dropdown, a "Logout" button, and a "Java Applet Window" label.

FIG. 5

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Source Code: 62379

Source: 1275M19P03

Part: 1275M19P03

K.C. [VE DIAMETER]

Feature: Groove

Char. Class: Diameter

Source: Part KC Master Process Capability Utility Help Contents Status

318 312 314 316 320 526 528 602 604 610 616 618 622 624 626 628 630 632 634 636

Sheet: 1

Zone: E1

Units:

LSL: 3.5380

USL: 3.54

Normal: 3.5390

Note:

CIN:

Specs:

Group\*: Conventional Material Removal

Name\*: Turning, N/C

Coating Specification:

Coating Material Specification:

Sample Size\*: 122

Start Date\*: 02-09-2000

End Date\*: 01-30-2001

Type of Data\*: Attribute

Type of Distribution\*: Normal

Mean\*: 3.54

Std. Dev\*: 0.000313

LCL:

UCL:

DPU:

% of Tolerance:

Cpk\*: 1.07

M.S.A. Type: % of Tolerance

M.S.A. Date: 02-22-2000

M.S.A. %: 16.03

Next Reset Previous

Parts Help Index

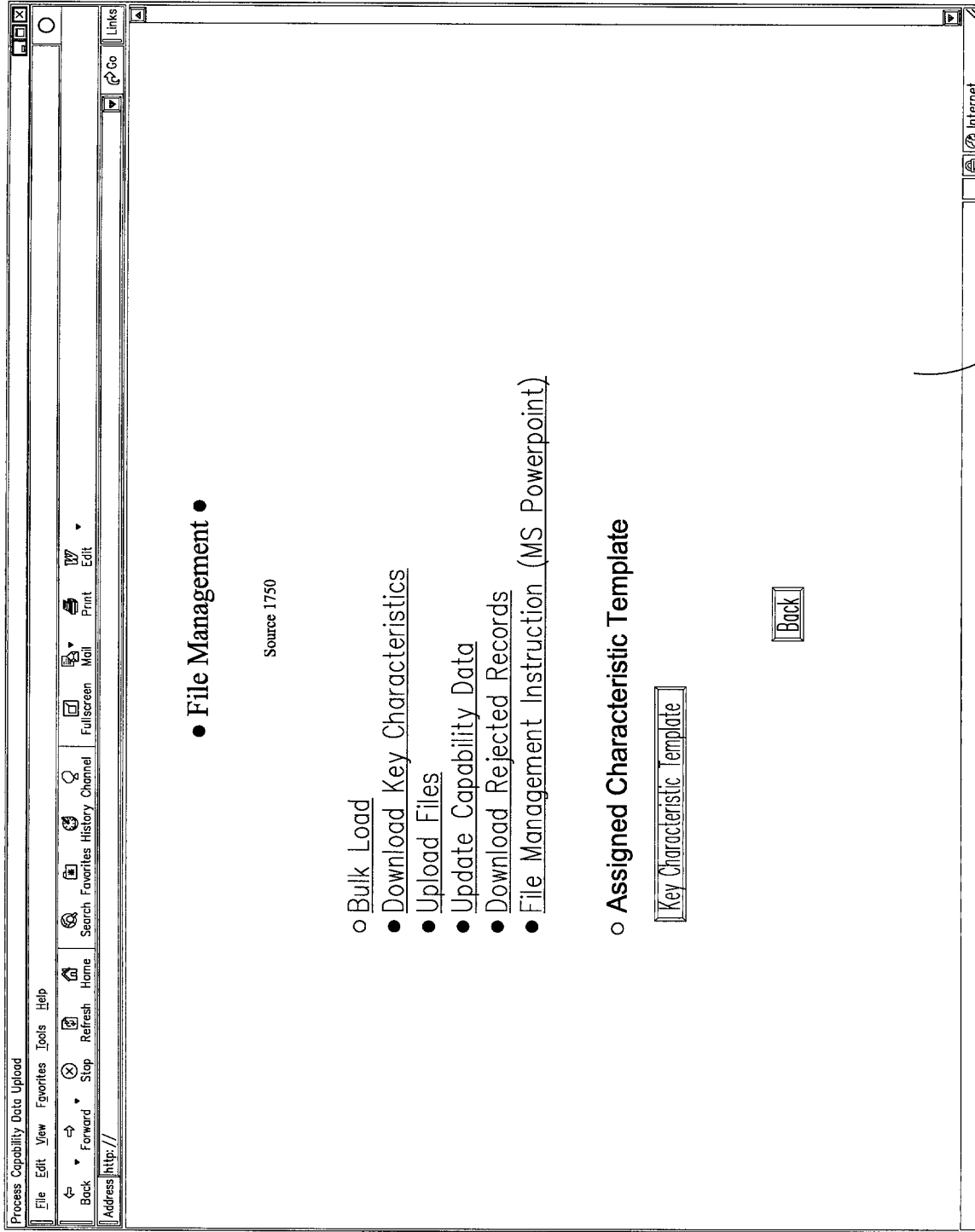
Status

Logout

Java Applet Window

FIG. 6

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FIG. 7

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Process Capability Data Upload									
File Edit View Favorites Tools Help									
Back Forward Stop Refresh Home Search Favorites History Channel Fullscreen Mail Print Edit									
Address http://									
A1 = SourceCode									
Source Code	Part Number	Nomenclature	Char Name	Char Type	Revision	Char Type	Requirement		
1	1750 1234	1.2345E+59	11111	11111	111	NonKC	Reliability		
2	1750 1234M99G13	BIGNESS	0	0	MAJ	MAJ	Reliability		
3	1750 1234M99G13	FLATNESS	0	0	CTQ	CTQ	Productivity		
4	1750 1234M99G13	FLATNESS	33	33	2 CTQ	2 CTQ	Productivity		
5	1750 1234M99G13	COATING THICKNESS	0	0	KCC	KCC	Reliability		
6	1750 1234M99G13	COATING THICKNESS	0	0	KCC	KCC	Reliability		
7	1750 1234M99G13	CONCENTRICITY	1	1	CTC	CTC	Productivity		
8	1750 1234M99G13	CONCENTRICITY	1	1	CTC	CTC	Productivity		
9	1750 1234M99G13	ROUNDNESS	12	12	CRI	CRI	Productivity		
10	1750 1234M99G13	ROUNDNESS	12	12	CRI	CRI	Productivity		
11	1750 1234M99G13	COATING THICKNESS	0	0	CTQ	CTQ	Productivity		
12	1750 1356M88G66	CONCENTRICITY	0	0	KCC	KCC	Productivity		
13	1750 1356M88G66	TE THK	12 A	12 A	CTQ	CTQ	Reliability		
14	1750 1385M90P04	HOLE DIAMETER	21 Z	21 Z	CTC	CTC	Technical		
15	1750 1385M90P04	HOLE RADIUS	33 S	33 S	CTC	CTC	Reliability		
16	1750 1385M90P04		111 A	111 A	CTQ	CTQ	Technical		
17	1750 1385M90P04		0	0	KCC	KCC	Productivity		
18	1750 1385M90P04		0	0	NonKC	NonKC	Productivity		
19	1750 1385M90P04				CTC	CTC	Productivity		
20	1750 1385M90P04				CTC	CTC	Productivity		
21	1750 1711M96P09	SDASDASD	34	34	122 KCC	122 KCC	Productivity		
22	1750 1711M96P09	IS THIS TEST	111111	111111	111 CTQ	111 CTQ	Productivity		
23	1750 1711M96P09	SURFACE FINISH	0	0	KCC	KCC	Productivity		
24	1750 9734M22G02	FLATNESS			CTQ	CTQ	Productivity		
25	1753 6009T98P02	NEWKC29			KCC	KCC	Productivity		
26	1753 6009T98P02	NEWKC30			CTQ	CTQ	Productivity		
27	1753 6009T98P02	NEWKC21			KCC	KCC	Productivity		
28	1753 6009T98P02	NEWKC22			CRI	CRI	Productivity		
29	1753 6009T98P02	NEWKC23			CTC	CTC	Productivity		
30	1753 6009T98P02				CTC	CTC	Productivity		

800

FIG. 8



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Process Capability Data Upload

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Channel Fullscreen Mail Print Edit

Address http://

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	A	B	C	D	E	F	G	H	I	J	K	L
1	Source	Code	Part Number	Nomenclature	Chart Name	CIN	Drawing	Revision	Char Type	Requirement	Feature	Material Spec
2	1750	1234M99G13			COATING THICKNESS	0	-		KCO	Reliability	Coating	A501F272
3	1750	1234M99G13			ROUNDNESS	12	-		CRI	Productivity		A15882A1
4	1750	1385M90P04				111	A		CTQ	Technical		UNKNOWN
5	1750	1385M90P04				0	-		KCC	Productivity		A
6	1750	1385M90P04			CONCENTRICITY				CTQ	Productivity		
7	1750	1385M90P04			HOLE DIAMETER	21	Z		CTC	Technical		A158116A
8	1750	1385M90P04			HOLE RADIUS	33	S		CTC	Reliability	Hole	
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												

Bulk Load CTQPSC Template? whichpage/

Internet

900

FIG. 9

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Process Capability Data Upload

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Channel Fullscreen Mail Print Edit

Address: http://

A28 = [ERR\_CPK=1011]

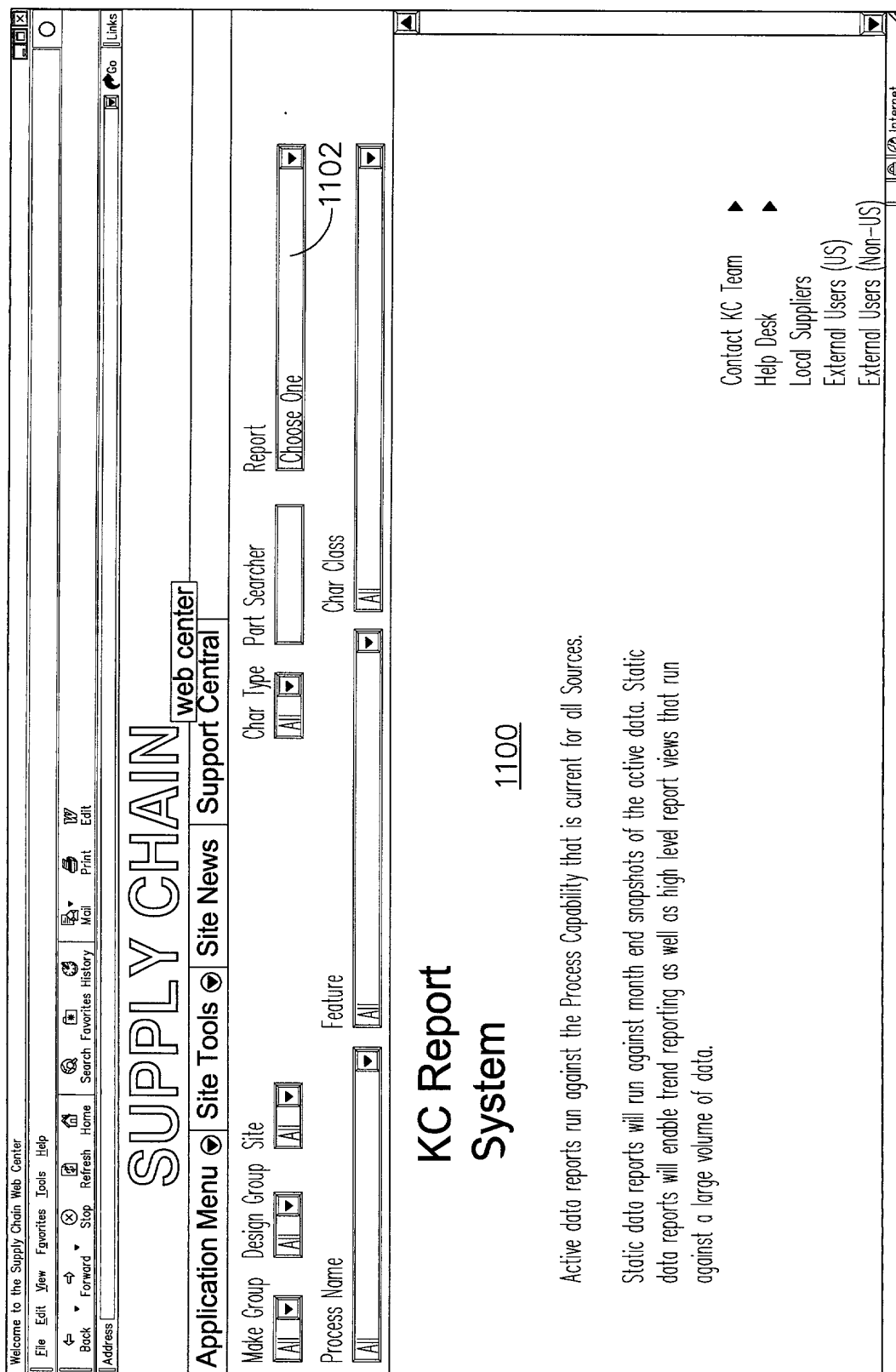
A

1	Key (PARTNUMBER   CHARNAME   PROCESSNAME)	ERRORS IDENTIFIED
2		
3	1385M90P04   HOLE RADIUS   "Etch Inspect"	TypeOfData 1008
4	1234M99C13   ROUNDNESS   "Coating, Black Oxide"	TypeOfData 1008
5		
6		
7		
8		
9		
10		
11		
12	LIST OF ERROR CODES:	
13		
14	ERR_PROCESSNAME=7	The Process Name not Found/Invalid.
15	ERR_SOURCECODE=8	The Source Code not Found/Invalid.
16	ERR_NO_CHARACTERISTICS_FOR_PART=13	No Characteristics are found for the given Part.
17	ERR_SAMPLESIZE=14	Samplesize should be greater than 25 and lower than 9999.
18	ERR_MANDATORY=101	The Mandatory field was found empty/blank (SITECODE,SOURCECODE,PARTNUMBER,PROCESSNAME).
19	ERR_NON_NUMERIC=102	Numeric fields contains non-numeric characters.
20	ERR_DECIMALWIDTH_BEFORE=103	The width of the field before the decimal is larger than the expected.
21	ERR_DECIMALWIDTH_AFTER=104	The width of the field after the decimal is larger than the expected.
22	ERR_FIELD_WIDTHS=105	The width of the field before and after the decimal is larger than the expected.
23	ERR_DATEFORMAT=106	Wrong Date format. It should be 31-Mar-00 or 31-Mar-2000.
24	ERR_CPK_GREATER_CP=1001	The CPK should not be greater than Cp.
25	ERR_TYPEOFDATA_ATTRIBUTE=1008	If TypeOfData field contains a value 'Attribute' then: only one field between DPU or PercentDefective S
26	ERR_TYPEOFDATA_VARIABLE=1009	If TypeOfData field contains a value 'Variable' then: Mean should be greater than 0 and is required wi
27	ERR_CP=1010	When Tolerance is Bilateral CP is required.
28	ERR_CPK=1011	If TypeOfData field contains a value 'Variable' then Cpk field should contain Value.
29		
30		

Bulkload.CTQRejectRep?whichpage/

Internet

FIG. 10



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FIG. 11

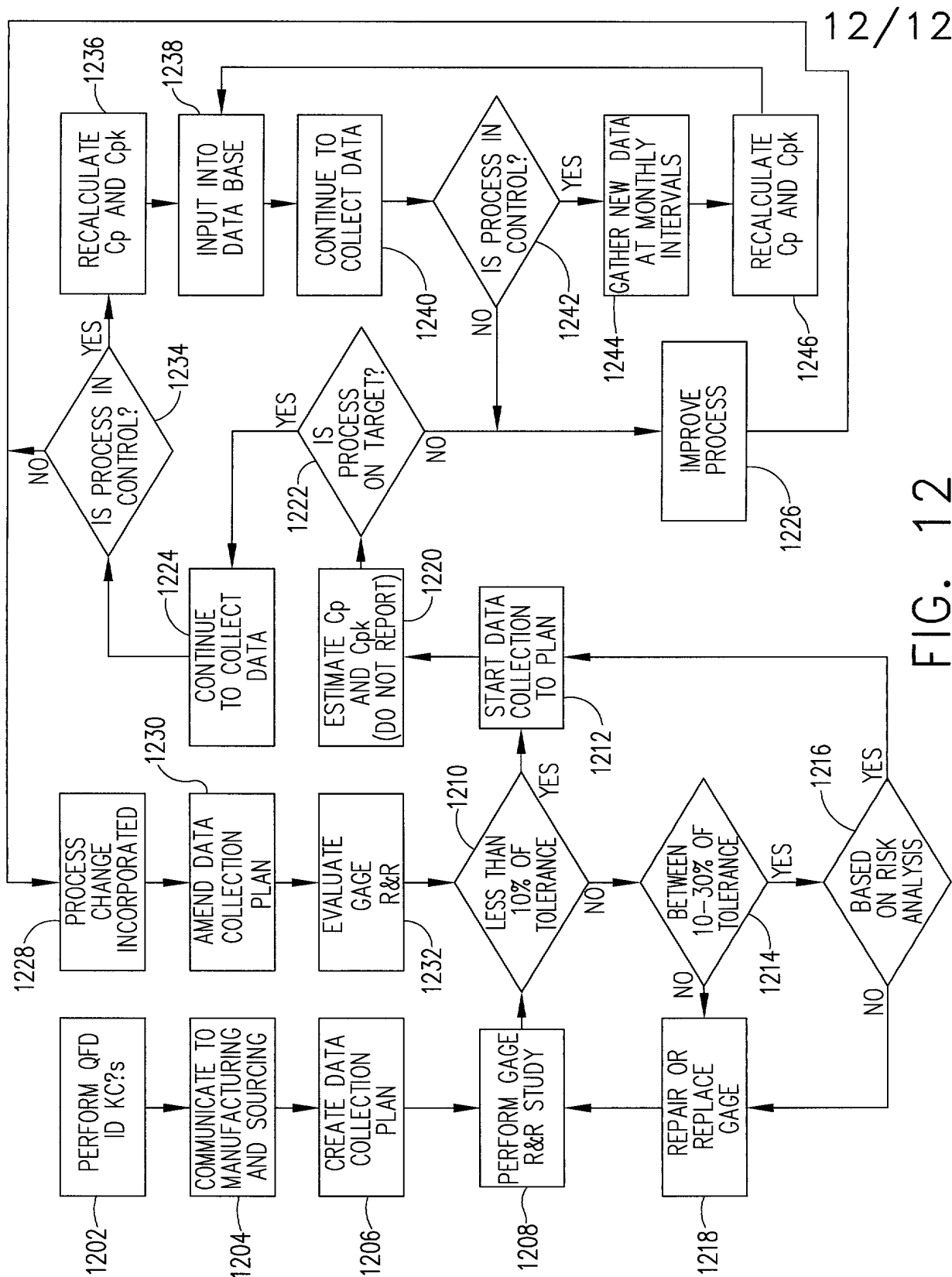


FIG. 12